

Title (en)
VEHICLE COMPONENTS WITH SACRIFICIAL RIBS

Title (de)
FAHRZEUGTEILE MIT SCHUTZRIPPEN

Title (fr)
COMPOSANTS DE VÉHICULE AVEC AILETTES DE PROTECTION

Publication
EP 2723587 B1 20170906 (EN)

Application
EP 12730204 A 20120621

Priority
• GB 201110485 A 20110621
• EP 2012062038 W 20120621

Abstract (en)
[origin: GB2492099A] A structural component 1 is provided for a vehicle designed for driving off-road on rough terrain. The component 1, such as the lower control arm of a suspension system, is formed from aluminium, aluminium-alloy or other light-weight material and provided on its underside with a parallel arrangement of chamfered ribs 5 which extend in the direction of travel of the vehicle. The spacing between adjacent ribs 5 is less than or equal to 10 mm so as to prevent underlying rocks and stones 7 from impacting, and thereby abrading the inner surface 3 of the component 1. The ribs 5 are provided as sacrificial elements and will become eroded in use until they no longer provide the desired protection of the inner surface 3. The extent of abrasion of the ribs 5 can be ascertained by a visual inspection of the underlying surface of the vehicle, and, if necessary, the component 1 can be replaced.

IPC 8 full level
B60G 7/00 (2006.01); **F16H 57/03** (2012.01)

CPC (source: EP GB US)
B60G 7/001 (2013.01 - EP GB US); **B62D 21/155** (2013.01 - GB); **B60G 2204/4308** (2013.01 - EP US); **B60G 2206/014** (2013.01 - EP US); **B60G 2206/121** (2013.01 - EP US); **B60G 2206/71** (2013.01 - EP US); **B60G 2206/7102** (2013.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/24479** (2015.01 - EP US); **Y10T 428/2457** (2015.01 - EP US)

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